

# SOUTH PRODUCTION NOTES

February 28, 2014  
Morning Shift

BASF EMPLOYEES  
23 Last Recordable  
242 Last Lost Time

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.

Bldg 31 is now regulated as we are running the Si-1624 material

Every Thursday, 11am to 3pm for the next 4 weeks will be a Safe Work Permit writing class for new people to be trained or for a refresher class.

**#1 MED Si-1624:** Continue batches, and check MOD for any changes. Make sure powder operators do not change bags without following the "Bag Change-out Instructions". A copy was printed and laminated, and should be in the powder room.

**NOTE:** The breaker has been removed per Kristen Kaput's instructions.

Day shift: Continued/Cleaned out filter in powder room. K Kaput will let us know if and when to run Batches 3499 and 3500. Portable Zinc mixer will need to be positioned for operation next week.

Afternoon Shift: Continue. Batches 3499 and 3500 remain on hold (lab testing indicated very low bulk crush strength...still deciding what to do with the material)

Midnight shift:

**#1 RC / Si-1624:** Check the granulator (6 mesh) for tears in the mesh screen – this will give you long extrusions. Remember the over-size on the screener is a 5 mesh - watch for excessive fines we may need to scale down to a 4 mesh.

Day shift: Continue. Should be finished by this weekend but will get further instructions on lots that will require blending. We took the breaker bar off end of Dryer per K. Kaput.

Afternoon Shift: Continue feeding

Midnight shift:

Exhaust to F-1

**#2 MED line/ X 052 next:** Rinsing dryer for X-052, will walk through with engineer Monday for final inspection and any last minute cleaning needs. Dryer will need final vacuuming around all ledges and perimeter of dryer, and vacuum bottom of P&S spiral.

Day Shift: Dryer ready for inspection.

Afternoon Shift: Final cleaning finished. Engineer needs to walk through (Friday)

Midnight shift:

**#2 RC/ Cu-0860 next:** The replacement gear box is ordered with a month lead time. Original prognosis was a gear box leak possibly due to overfilling. Calciner is off and has been reversed. This will be a rough clean up before going to the Cu-0860.

**Day shift:** No activity

**Afternoon shift:** No activity.

**Midnight shift:** No activity.

**#3 MED line / D-1799 done:** The priority is to get the dryer vacuumed and ready for D-1799 impregnations.

**Day shift:** Dryer is clean/Bodmann will have clean-up instructions. Run Al sand through RC and spiral after temperature is lowered and reversed.

**Afternoon Shift:** Dryer components need to be unlocked (lock box #8). Belt need to be engaged so last material can be vacuumed up.

**Midnight Shift:** Dryer has been unlocked and the belt cleaned. The spiral has been flushed with Al/Ox. Will start to run D-1799 through the dryer.

**#3 RC/ Cleaning for D-1799 NAQ:** Running flush through RC.

**Day shift:** Started feeding the calciner at 8am-3 bags left.

**Afternoon Shift:** Last material ran through, currently lowering temps to reverse calciner, then clean out box under syntron at feed end, and finally run Al Oxide sand through the P&S spiral all the way to the calciner discharge. To be worked on midnight shift.

**Midnight shift:** Currently running Al/ox sand through calciner.

**Exhausting to CTO**

**Old Pfaudler – D-1799 NAQ:** Received OK to start batches again, using Lot 6 base D-1798.

**Day Shift:** Will be restarting ASAP.

**Afternoon Shift:** Started batch mid-afternoon shift, continue on.

**Midnight shift:** Continued.

**Tank 7 / AMT for D-1799 NAQ:** Full tank. NOTE: Lucas has a work order in place for Friday to replace the worn-out 2" x 12" flex hose on discharge of air pump. Please coordinate their work with batch activities.

**Day shift:** Repairs made to flex line/Made a new tank today.

**Afternoon Shift:** Tank was made, totes from previous run added back to tank. OK to go.

**Midnight shift:** Monitor temps.



**New Pfaudler / V-2045 next:** Lucas replaced valve with straight line in order to be able to operate toting off station. They also have a work order for replacing the straight line piece with a new valve, and will do this on Friday. **Make sure the operators know the proper way to check SPG.**

**Use three (3) bags @ 1000 lb when dropping material from Pfaudler.**

**Day shift:** Should be ready to drop at 4 pm.

**Afternoon Shift:** Batch made earlier was dropped mid-afternoon shift, starting next batch. Continue on midnight shift.

**Midnight shift:** Continued batch started on previous shift.

**Tank 6 / V-2045 solution:** Braided line and actuator replaced for valve under the tank. **NOTE:** Lucas has another work order to replace the straight line piece under 6 tank with a new valve, and they will be replacing a section of flex line on 6 tank pump suction. This will be done on Friday.

**Day shift:** check spg and temp.

**Afternoon Shift:** Continue monitoring tank.

**Midnight shift:** Continue to monitor tank for temps and Spg.

**National Dryer / :** Schirmer has finished the soda blasting.

**Day shift:** Still need to evaluate status with engineer.

**Afternoon shift:** No change.

**Midnight shift:**

**#4 RC / 5202:** 5202 material is in the plant. At the start of the run we will make several early drums that will be used as flush on #4 calciner. Unable to locate the Attasorb bags.

**Day shift:** Screener needs put back together/5202 is in warehouse.

**Afternoon Shift:** Temp controller and amplifier were re-installed on calciner. Need the following done: Stage Attasorb bags along calciner #4 (looking for them end of afternoon shift); clean off top and side ledges of feed hopper (working on end of shift); replace vacuum hose top of spiral (working on end of shift); clean out bottom spiral – wet stuff (working on end of shift); turn on roto-locks and make sure baghouses are clear (to be done); fire up and final walk through.

**Midnight shift:** Work notification written for the #4 RC screener (kicks out - 933974133) and the rotolock on 4A (not working – 933974132). Additionally another work notification has been written to have maintenance replace some of the rubber hoses on the blow downs for the 4B dust collector – air leaks (933974027). The ledges on the feed hopper were cleaned, the vacuum hose at the top of the spiral was replaced but it is too short, the bottom of the spiral was cleaned.

**Exhaust to**

**PK Blender / Oxy next:** Washed down again, however issues with interior coating (peeling). Work notification written and maintenance is aware. Contractor coming to site Friday morning **Trial of 1507 may be next.**

**Day shift:** HOLD for maintenance

**Afternoon Shift:** No change

**HC-11 Tanks – CU-5020 Strikes:** Strikes are moving along. We will make 123 total.

**Day shift:** Down-belt broken/ on #50

**Afternoon Shift:** Belt repaired, continue strikes afternoon shift.

**Midnight Shift:** Continued.

**#5 RC / OxyVinyl Catoxid:** Keep bag house temps around 105 degrees and maintain enough suction to keep dusting down. Batches below 7083 are being stored behind the calciners. The batches above 7083 are in front of the Tri-mer. Feed each batch in alternating fashion. Note that a change to the discharge drum lid has been made – no longer a 90 degree dust collection hose. Report any issues.

**Day shift:** Continue, DC pressure set to 31/2-4

**Afternoon shift:** Running. Will need to replace HEPA midnight shift (HEPA dp a little over 6 at 9:30 pm).

**Midnight shift:** Running. Changed HEPA at 12:00 am. The pressure drop reading was at 6.5" but the filter already had holes in it. Reading dropped to 2.5".

**Exhaust to 5DC when feeding**

**Tower 3 / Ni-2460 :** Tower is running.

**Day shift:** Running/may come down on 3<sup>rd</sup> shift.

**Afternoon shift:** Tower 3 will shut down midnight shift, then hold to unload Friday day shift.

**Midnight Shift:** Shut the tower down and placed it on hold as instructed.

**Tower 6 / Cu-1986:** Tower is running.

**Day shift:** Running

**Afternoon shift:** Will come down midnight shift, then will need to be washed down for reloading with Ni 2458 for Ni 2460.

**Midnight Shift:** Tower has been reloaded and placed on hold. Maintenance to install a data logger prior to starting the reduction tomorrow morning (2/28/14).

**North Screener / Ni-2460 :** Changed screener over to Ni-2460.

**Day shift:**

**Afternoon Shift:** Changed over for Ni 2460

**Midnight shift:** No activity.

**South Screener / Cu 1986:** Idle until tower comes down.

**Day shift:** Nothing to screen.

**Afternoon Shift:** Waiting for Cu 1986 to unload (midnight shift Thur night/Fri morning)

**Midnight shift:**

**Harrop Kiln - Al-3921 T 3/16":** Down... saggars have been removed, screener parts at TK#2

**Day shift:**

**Afternoon shift:**

**Midnight shift:**

**#6 - RC / D-0756:** Down

**Day Shift:** Down

**Afternoon shift:**

**Midnight shift:**

**Exhaust to Sly Scrubber**

**Tunnel Kiln #2 / V-2045 is next:** If we do not have any issues on the New Pfaudler, we will start bringing temperatures up on the kiln and be ready to start loading on Monday morning. Saggars already switched to Vanadium saggars.

**Day shift:** Holding temps at 200

**Afternoon Shift:** Decision to be made on Friday as to when to bring temps up.

**Midnight shift:** No activity.

**Tunnel Kiln #4 / Cu-0540 done:** HOLD

**Day shift:**

**Afternoon Shift:** no change

**Midnight shift:** no change

**#2662 Pill Machine / Al-3917 3/16:** Finished. Holding for decision to switch to 3915.

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